

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

1-23 (Canceled).

24. (New) An information processing apparatus capable of printing data by using another apparatus connected to a network, comprising:

a memory for storing an application program and a printing module to be executed by said information processing apparatus, the printing module being different from the application program;

determining means for determining whether or not a printing charge is notified to a user by executing the application program;

first notification means in case said determining means determines that the printing charge is notified to the user, for notifying a number of logical total pages to be printed to the printing module by executing the application program,

calculation means for calculating the printing charge based on a number of output total pages according to a printing condition by executing the printing module to which the number of the logical total pages to be printed is notified by said first notification means;

second notification means for notifying the printing charge calculated by said calculation means to the application program by executing the printing module;

third notification means for notifying the printing charge calculated to the user by said calculating means by executing the application program;

wherein after the third notification means notifies the printing charge to the user, said information processing apparatus executes processing for printing by another apparatus.

25. (New) An information processing apparatus according to Claim 24, wherein the printing charge calculated by said calculating means is calculated based on a number of pages which can be printed in one page in actuality.

26. (New) An information processing apparatus according to Claim 24, wherein the application program includes functions in which the printing charge is not notified, printing is executed after the user confirms the printing charge and/or printing is cancelled after the user confirms the printing charge.

27. (New) An information processing apparatus according to Claim 24, wherein the printing module switches processing between calculating of printing charge and printing according to command from the application program.

28. (New) A storing medium storing an application program and a printing module to be executed by said information processing apparatus, the printing module being different from the application program,

wherein the application program executes;

a determining step of determining whether or not a printing charge is notified to a user by executing the application program;

a first notification step in case it is determined that the printing charge is notified to the user in said determining step, of notifying a number of logical total pages to be printed to the printing module by executing the application program; and

a second notification step of notifying a calculated printing charge to the application program by executing the printing module;

and wherein the printing module executes:

a calculation step of calculating the printing charge based on a number of output total pages according to a printing condition by executing the printing module to which the number of the logical total pages to be printed is notified in said first notification step; and

a third notification step of notifying the printing charge calculated to the user in said calculating step by executing the application program.

29. (New) A storing medium according to Claim 28, wherein the printing charge calculated in said calculating step is calculated based on a number of pages which can be printed in one page in actuality.

30. (New) A storing medium according to Claim 28, wherein the application program includes functions in which the printing charge is not notified, printing is executed after the user confirms the printing charge and/or printing is cancelled after the user confirms the printing charge.

31. (New) A storing medium according to Claim 28, wherein the printing module switches processing between calculating of printing charge and printing according to command from the application program.

32. (New) An information processing apparatus capable of printing data by using another apparatus connected to a network, comprising:

job generation means for generating a job file including a printing condition when printing data is printed by the command from an application program, the printing condition including information of both sides printing, layout in a sheet and a number of pages of the printing data;

printing data generation means for converting printing data from the application program into other printing data recognizable by said another apparatus;

calculation means for calculating printing charge based on a number of output sheets calculated from the printing condition included in the job file generated in said job generation means;

notification means for notifying print charges calculated by said calculation means; and

transmission means according to an instruction from a user after the printing charge is notified by said notification means, for transmitting the job file generated by said job generation means and the printing data generated by said printing data generation means.

33. (New) An information processing apparatus according to Claim 32, wherein said calculation means revises charge information for calculating the printing charge based on information received via a network.

34. (New) An information processing apparatus according to Claim 32, further comprising displaying means for displaying information to set a print condition relating information of both side printing and page layout when said job generation means generates the job file.

35. (New) An information processing apparatus according to Claim 32, further comprising modification means for modify the printing condition based on an instruction from the user after the printing charge is notified by said notification means.

36. (New) An information processing apparatus according to Claim 35, wherein said modification means provide information to select a printing condition in which a cost is weighted or another printing condition in which a printing quality is weighted.

37. (New) A storing medium storing a computer executable program to print data by using another apparatus connected to a network, wherein the program executes:

a job generation step of generating a job file including a printing condition when printing data is printed by the command from an application program, the printing condition including information of both sides printing, layout in a sheet and a number of pages of the printing data;

a printing data generation step of converting printing data from the application program into other printing data recognizable by said another apparatus;

a calculation step of calculating printing charge based on a number of output sheets calculated from the printing condition included in the job file generated in said job generation step;

a notification step of notifying print charges calculated in said calculation step; and

a transmission step according to an instruction from a user after the printing charge is notified in said notification step, of transmitting the job file generated in said job generation step and the printing data generated in said printing data generation step.

38. (New) A storing medium according to Claim 37, wherein charge information for calculating the printing charge is revised based on information received via a network in said calculation step.

39. (New) A storing medium according to Claim 37, further comprising a displaying step of displaying information to set a print condition relating information of both side printing and page layout when said job generation step generates the job file.

40. (New) A storing medium according to Claim 37, further comprising a modification step of modifying the printing condition based on an instruction from the user after the printing charge is notified in said notification step.

41. (New) A storing medium according to Claim 40, wherein said modification step provide information to select a printing condition in which a cost is weighted or another printing condition in which a printing quality is weighted.

42. (New) A storing medium according to Claim 39, further comprising information to set a print condition relating information of both side printing and page layout is displayed in displaying step when said job generation step generates the job file.

43. (New) A storing medium according to Claim 37, further comprising the printing condition is modified based on an instruction from the user after the printing charge is notified in said notification step.